

## **APPENDIX 3**

### **ENVIRONMENTAL ELEMENTS**

Environmental Assessment Number OR-086-02-01

In accordance with law, regulation, executive order and policy, the Scoggins Creek Density Management, Wildlife Habitat Improvement and Watershed Restoration interdisciplinary team reviewed the elements of the environment to determine if they would be affected by the proposed action described in Chapter 2 of the EA (environmental assessment). The following two tables summarize the results of that review. Soils was identified as a major issue by the interdisciplinary team through scoping (EA, Chapter 1) and the predicted environmental consequences are described in Chapter 4 of the EA.

**Table 1. Critical Elements of the Environment.** This table lists the critical elements of the environment which are subject to requirements specified in statute, regulation, or executive order and the interdisciplinary team's predicted environmental impact per element if the proposed action described in Chapter 2 of the Environmental Assessment was implemented.

CRITICAL ELEMENTS OF THE ENVIRONMENT	ENVIRONMENTAL EFFECT	INTERDISCIPLINARY TEAM'S COMMENTS
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Air Quality	Minimal effect	<p>This element was not identified as a major issue. The major sources of potential air pollutants associated with the proposed action are smoke from prescribed burning (e.g. burning of landing debris or other fuels concentrations determined to be a fire hazard), and dust from the use of unsurfaced roads and road maintenance (Salem District Resource Management Plan Final Environmental Impact Statement, Chapter 4-8). The project area is within 8 air miles of the city of Forest Grove and 5 air miles from the community of Cherry Grove. The proposed haul routes (e.g., Scoggins Valley Road, Patton Valley Road, and Sain Creek Road) are primarily paved with only a few miles of gravel or natural-surface roads. Also, there are several rural residences located along the proposed haul route. The project area is not within an Oregon Smoke Management designated area. Since burning would be conducted in accordance with the <i>Oregon State Implementation Plan</i> and <i>Oregon Smoke Management Plan</i>, the impact of smoke on air quality is predicted to be local and of short duration. Dust created from vehicle traffic on gravel or natural- surface roads, from road construction, road reconstruction, road obliteration, road maintenance, and logging operations is predicted to be localized and of short duration. As such, the proposed action would have no adverse impact on air quality and would comply with the provisions of the Clean Air Act.</p>
Areas of Critical Environmental Concern	None	<p>This element was not identified as a major issue. There is no ACEC located within the project area.</p>

Cultural, Historic, Paleontological	None	This element was not identified as a major issue. There are no known cultural sites located within the project area. Pursuant to the August 1998 protocol for managing cultural resources on lands administered by the BLM in Oregon, the Coastal Range Inventory Plan only required post harvest surveys. As such, surveys will not be conducted until the harvest activity is completed. If during the implementation of the project cultural resources are found, the project (s) may be redesigned to protect the cultural resource values present, or evaluation and mitigation procedures would be implemented based on recommendations from the District Archaeologist.
Native American Religious Concerns	None	This element was not identified as a major issue. Tribes were contacted during scoping and no Native American religious concerns were identified.
Threatened, Endangered, or Special Status Plant Species or Habitat	None	This element was not identified as a major issue. There are no known threatened or endangered plant species or habitat located within the project area.
Threatened, Endangered, or Special Status Wildlife Species or Habitat	See Chapter 4 of the EA	This element was not identified as a major issue. However, refer to Chapter 3 of the EA for a discussion of the environmental effects.
Threatened, Endangered, or Special Status Fish Species or Habitat	See Chapter 4 of the EA	This element was not identified as a major issue. However, refer to Chapter 3 of the EA for a discussion of the environmental effects.
Prime or Unique Farm Lands	None	This element was not identified as a major issue. There is no prime or unique farm land located within the project area.
Flood Plains	None	This element was not identified as a major issue. There are no flood plains in or near the project area. Refer to Chapter 3 of the EA for a discussion of the effects.

Hazardous or Solid Wastes	None	This element was not identified as a major issue. There is not predicted to be any environmental effects associated with this element due to the implementation of the Best Management Practices contained in the Salem RMP and the terms and conditions of the timber sale contract. Failure to comply with the terms and conditions of the timber sale contract can result in violations, suspension or cancellation of the contract per section 10.
Drinking or Ground Water Quality	See Chapter 4 of the EA	Impacts to surface water quality was not identified as a major issue. Refer to Chapter 4 of the EA for a detailed analysis of the impacts to water quality.
Wetlands or Riparian Reserves (including Aquatic Conservation Strategy Objectives)	Minimal Effect	This element was not identified as a major issue. While the density management thinning project proposes to treat approximately 142 acres of Riparian Reserve, project design features, such as the maintenance of “No cut buffers” and the restriction upon the use of ground-based equipment assure the protection of wetland and riparain zones. Also see Appendix 5 for a discussion of Aquatic Conservation Strategy objectives.
Wild and Scenic Rivers	None	This element was not identified as a major issue. There is no wild and scenic river located within the project area.
Wilderness	None	This element was not identified as a major issue. There is no wilderness located within the project area.
Invasive, Nonnative Species (includes Executive Order 13112, Invasive Species, 2/3/99)	See chapter 3 of the EA	This element was not identified as a major issue. However, refer to Chapter 4 of the EA for a discussion of the environmental effects.

Environmental Justice (Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations 2/11/94)	Minimal Effect	This element was not identified as a major issue. The density management thinning would yield approximately 7 million board feet of merchantable timber over a 3 year period which would result in minimal impact to local economies. The proposed action is not anticipated to have disproportionately high and adverse human health or environmental effects on minority populations and low-income populations.
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**Table 2. Other Elements of the Environment.** This table lists other elements of the environment which are subject to requirements specified in law, regulation, or policy and the interdisciplinary team's predicted environmental impact per element if the proposed action described in Chapter 2 of the Environmental Assessment was implemented.

ELEMENTS OF THE ENVIRONMENT	ENVIRONMENTAL EFFECT	INTERDISCIPLINARY TEAM'S COMMENTS
Land Uses (including mining claims, mineral leases, etc.)	None	This element was not identified as a major issue. There are no known mining claims or mineral leases within the project area.
Minerals	None	This element was not identified as a major issue. The proposed action does not include the extraction of any mineral resource. As such, this element would not be affected by the proposed action.
Recreation	None	This element was not identified as a major issue. Since the all of the project area, except for section 1 is behind locked gates, there is very little recreation.
Soils	Minimal effects - See chapter 3 of the EA	This element was identified as a major issue. See chapter 4 of the EA
Visual Resources	None	This element was not identified as a major issue.

Water Resources (including beneficial uses [Salem FEIS Chapter 3-9], DEQ 303d listed streams, water temperature, sedimentation, water quantity, etc.)	Minimal effects - see chapter 3 of the EA	This element was not identified as a major issue. See chapter 4 of the EA, and appendixes 5 & 6.
Bureau Sensitive and Special Attention Plant Species/ Habitat (including Survey and Manage, and protection buffer species)	Minimal effect	This element was not identified as a major issue. See Appendix 8 Biological Evaluation for Special Status Plant Species/Survey and Manage and Noxious Weeds.
Bureau Sensitive Wildlife Species/Habitat, including Survey and Manage mammals and mollusks	Minimal effect	This element was not identified as a major issue. No S&M mollusk sites were identified. See appendix 7 for additional information.
Fish species with Bureau Status	Minimal Effect	see chapter 4 of the EA
Rural Interface Areas	Minimal	This element was not identified as a major issue. T1S R5W Section 1 is in an identified rural interface area in the <i>RMP</i> . Wildlife habitat enhancement, road decommissioning and the removal of one culvert is proposed in this Section. All standards and guidelines associated with Rural Interface Areas will be followed.
Coastal Zone (affect on "any land or water use or natural resource of the coastal zone." The determination of effects should include "direct, indirect, cumulative, secondary, and reasonably foreseeable effects")	None	This element was not identified as a major issue. The project area is not located within Oregon's Coast Zone boundary.
Adverse Energy Impact (Executive order 13212)	None	The proposed action will have no adverse impact on energy development, production, supply and/or distribution.
Other (specify)		

